

Type Specimens of the Insect Order Isoptera in the Collection of the National Museums of Kenya

R. Bagine, D. Karanja, J.M. Muriuki, S. Ingrisch, C.N. Lange, M. Muchai, H. Oyieke, K.-H. Lampe[†]

Abstract. In this paper we present a list of Isoptera type specimens held at the Invertebrates section of the National Museums of Kenya. The collection comprises 24 type specimens in 15 species. The collection consists of 9 holotypes, eleven paratypes, two syntypes, one lectotype and one paralectotype. The species are sorted alphabetically. Reference to the original description, the type locality, geo-reference data, name of collector(s), and the date collected are also provided.

Key words. Type specimens, Isoptera, NMK Nairobi

INTRODUCTION

In this paper we present the type specimens of the order Isoptera held at the Invertebrates Section of the National Museums of Kenya.

The Zoology Department of the National Museums of Kenya (NMK) houses 24 type specimens of Isoptera, representing 15 mainly Eastern African species in one family. Among these specimens are 9 holotypes, 11 paratypes, 2 syntypes, 1 lectotype and 1 paralectotype.

The families and the species within families are listed alphabetically by specific or sub-specific epithet, followed by the original generic assignment, author, year of publication and page number of the description. The current generic assignment if different from the original publication is also given. For each species, the holotypes if in NMK are listed first, followed by secondary types. All types are listed with full locality information. This information includes names and geo-references of the collection sites, surname and initials of the collector(s), and the dates of collection. Locality information for paratype specimens collected at the same locality and date by different collectors or collected by the same collector in the same locality but at different dates are pooled.

ISOPTERA

Termitidae

badius, *Odontotermes badius* Haviland, 1898: 385

5 PT: South Africa: Natal, 28°58'S, 30°21'E (GG), 1894

baginei, *Microtermes baginei* Bacchus, 1997: 133

HT soldier: Kenya: Masai Mara, 1°25'S, 34°55'E (EAG), S. Bacchus & R.K. Bagine, 15.v.1987

cheberensis, *Microtermes cheberensis* Bacchus, 1997: 135

HT soldier: Kenya: Cheberen, 0°24'N, 35°46'E (EAG), S. Bacchus & R.K. Bagine, 5.iv.1990

darlingtonae, *Microtermes darlingtonae* Bacchus, 1997: 137

HT soldier: Kenya: Thika, 0°53'S, 37°29'E (EAG), S. Bacchus & R.K. Bagine, 25.iii.1990

edwini, *Microtermes edwini* Bacchus, 1997: 137

HT soldier: Kenya: Sotik, Kisabei, 0°45'S, 35°05'E (EAG), Bacchus, 13.v.1987

fulleri, *Odontotermes fulleri* Emerson, 1928: 465

4 PT: Zaire: Niangara, Belgian Congo, 3°41'N, 28°53'E (GM), 20.v.1913

kairoonae, *Microtermes kairoonae* Bacchus, 1997: 139

HT soldier, **1 PT**: Kenya: Kisumu, Chulaimbo, 0°35'S, 34°28'E (EAG), S. Bacchus & R.K. Bagine, 23.v.1985

kibarensis, *Odontotermes kibarensis* Fuller, 1923: 192

2 LT, 1 PLT: Uganda: Kibara, 1°50'S, 30°20'E

logani, *Microtermes logani* Bacchus, 1997: 140

HT soldier: Malawi: Zomba 15°22'S, 35°33'E (GG), James Logan, 3.xi.1990

lokorensis, *Microtermes lokorensis* Bacchus, 1997: 141

HT soldier: Kenya: S.Turkana, Lokori, 1°57'N, 36°01'E (EAG), W.A. Sands, 9.vii.1969

mariæ, *Microtermes mariæ* Bacchus, 1997: 146

HT soldier: Kenya: Masai Mara, 1°25'S, 34°55'E (EAG), J.P.E.C. Darlington, 19.ii.1982

mulli, *Microtermes mulli* Bacchus, 1997: 147

HT soldier: Kenya: Kajadio, Nkoele, 2°27'S, 37°17'E (EAG), S. Bacchus & R.K. Bagine, 21.x.1988

nolaensis, *Odontotermes nolaensis* Sjöstedt, 1924: 492

1 PT: Congo: French Congo, 1°85'N, 15°8'E (GG), 1924

stercorivorus, *Odontotermes stercorivorus* Sjöstedt, 1907: 15

1 PT: Tanzania: Kilimanjaro, Kibongoto (Kibonoto in Sjöstedt's paper), 3°10'S, 37°06'E (EAG), 1905

tsavoensis, *Microtermes tsavoensis* Bacchus, 1997: 151

HT soldier: Kenya: Maktau, 3°24'S, 38°08'E (EAG), S. Bacchus & R.K. Bagine, 1.xi.1988

Acknowledgements. Evaluation and digitisation of type specimens, which formed the base for the current publication was supported by the German Federal Ministry of Education and Research (Project BIOTA:Africa E15) in collaboration with the National Museums of Kenya.

REFERENCES

- Bacchus S (1997) *Microtermes* in East Africa (Isoptera): Termitidae, Macrotermitinae. Bulletin of the Natural History Museum, Entomology 66: 123–171
 Emerson AE (1928) Termites of the Belgian Congo and the Cameroon. Bulletin of the American Museum of Natural History 57: 401–574
 Haviland GD (1898) Observation on Termites with descriptions of new species. Journal of the Linnaean Society of London (Zoology) 26: 358–442, pls 22–25
 Fuller C (1923) Two new termites from Uganda. Annals & Magazine of Natural History (9) 11: 101–192
 Sjöstedt Y (1907) Termitidae. Wissenschaftliche Ergebnisse der schwedischen zoologischen Expedition nach dem Kilimandjaro, dem Meru und den umgebenden Massaisteppen Deutsch-Ostafrikas 1905–1906, 3: 1–28, pls 1–4
 Sjöstedt Y (1924) Neue afrikanische Termiten. Revue de Zoologie et de Botanique africaines 12: 490–497